Amendments to the Specification:

Please insert the attached paper copy of the Sequence Listing into the Specification.

Please replace the two paragraphs that begin on page 79, line 23, and end on page 80, line 5, with the following amended paragraphs:

The source of Ser164 substrate peptide The biotinylated Ser164, S164A peptide(Biotinyl-LGGRDSRAGS*PMARR-OH) (SEQ ID NO: 1), sequence derived from the C-terminus of bovine myelin basic protein (MBP) with Ser162 substituted as Ala162, was purchased from California Peptide Research Inc. (Napa, CA), and its purity was determined by HPLC. Phosphorylation occurs at position 164 (marked S* above). The calculated molecular mass of the peptide was 2166 dalton. Solid sample was dissolved at 10 mM in DMSO, aliquoted, and stored at –20 °C until use.

The source of enzyme:
hYAK3: Glutathione-S-Transferase (GST)-hYak3-His6 containing amino acid residues 124-526 of human YAK3 (SEQ ID NO: 2) (aa 124-526 of SEQ ID NO 2. in US patent no. 6,323,318) was purified from baculovirus expression system in Sf9 cells using Glutathione Sepharose 4B column chromatography followed by Ni-NTA-Agarose column chromatography. Purity greater than 65% typically was achieved. Samples, in 50 mM Tris, 150 mM NaCl, 10%glycerol, 0.1% Triton, 250 mM imidazole, 10 mM β-mercapto ethanol, pH 8.0. were stored at –80 °C until use.